

**U.S. ENVIRONMENTAL PROTECTION AGENCY
INITIAL POLLUTION REPORT**

DATE: 20 March 2004

SUBJECT: Transkentucky Transportation Oil Spill
Lewisburg, KY

FROM: Rick Jardine PE, OSC

TO: Shane Hitchcock, Branch Chief
Don Rigger, Section Chief
Region 4, RRC
USCG National Pollution Fund Center
KYDEP

I. BACKGROUND

NRC Report No: 716476

FPN#	E04414	NPL:	No
SITE ID#	Z4GB	FUNDING:	OPA
PROJECT CEILING:	\$5,000	LEAD OSC	Katrina Jones
LEAD AGENCY:	EPA, Region 4, ERRB	Lat:	N38°-33'-14"
	61 Forsyth Street, SW	Long:	W083°45'50"
	Atlanta, Georgia 30303		

II SITUATION

Date of Notification:	19MAR04
Date Action Started:	19MAR04
Date of Completion:	Open
Pollutant:	Diesel fuel.
Resource Affected:	North Fork Licking Creek
Quantity Discharged:	Estimated 3,200 gallons
Source Identification:	Five derailed locomotives

III. ACTIONS TAKEN

Transkentucky Transportation mobilized response contractor RJ Corman to contain and recover discharged diesel and right derailed cars. Oil has penetrated into the ballast and surface soil and is weeping out at a slow discharge rate. Oil is being collected from North Fork Licking Creek. KY DEP responders maintain lead oversight role of response efforts. EPA OSC Katrina Jones mobilized with ERT geologist Greg Powell to assess impact to creek and rate of recovery from karst topography.

IV. FUTURE ACTIONS

Recovery effort expected to continue for several days.

V. COSTS TO DATE

EPA	\$ 3,000
-----	----------

The above accounting of expenditures is an estimate based on the figures known to the OSC at the time this report was written. The financial information is not intended to be used to support any legal action with regard to this removal.

**U.S. ENVIRONMENTAL PROTECTION AGENCY
TRANSKENTUCKY FINAL POLLUTION REPORT**

DATE: May 13, 2004

SUBJECT: TransKentucky Transportation Oil Spill
Main Rail Line
Lewisburg, Mason County, Kentucky

FROM: Katrina Jones, OSC
USEPA Region 4

TO: S. Hitchcock, EPA
Don Rigger, EPA
Region 4, RRC
USCG
KYDEP

I. BACKGROUND

FPN#	E04414
SITE ID#	Z4GB
PROJECT CEILING:	\$5,000
LEAD AGENCY:	EPA, Region 4, ERRB 61 Forsyth Street, SW Atlanta, Georgia 30303
NPL:	No
FUNDING:	OPA
LEAD OSC:	Katrina Jones

II SITUATION

Date of Notification:	19 March 2004
Date Action Started:	19 March 2004
Pollutant:	Diesel
Quantity Discharged:	Approximately 3,200 gallons
Source Identification:	Locomotive saddle tanks
Resource Affected:	North Fork Licking Creek

III ACTIONS TAKEN

On March 19, 2004 EPA OSC Katrina Jones and Kentucky DEP responded to a train derailment by TransKentucky Transportation in Lewisburg, Mason County, Kentucky. As a result of the derailment of 13 cars of coal and 5 engines, an estimated 3,200 gallons of diesel were lost. A total of 5,500 gallons of diesel that did not spill was retrieved from the spill site for recycling. The engines derailed at the top of a mountainous area that lead down to the creek. Fuel drained to the leveled soil side of the track and also into the railroad ballast. The Kentucky Department immediately responded to the incident and constructed an underflow dam to prevent some of the fuel from continuing further down the creek. Some of the fuel that did not spill into the railroad ballast drained down into the embankment subsequently releasing it into the creek at a very slow rate. This could be seen as it percolated from the sediment bed. EPA hired PECCO Environmental to conduct the cleanup of the diesel from the soil and the creek. An assessment of the creek was conducted to determine how much damage may have been done. Boom and absorbent pads were placed in several areas to prevent the oil from getting into the creek. An oil skimmer was utilized to recover as much product as possible. Final estimates

water recovered from the creek was 8,448 gallons.

IV FUTURE ACTIONS

Kentucky DEP continued to oversee cleanup actions as the remaining diesel fuel continues to release from the embankment.

V ESTIMATED COSTS

EPA	\$1,700
-----	---------